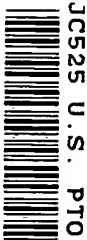


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PATENT TRADEMARK OFFICE

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Transmitted herewith for filing is the patent application of:

Inventor(s): CHARLES J PERSICOFor: GENERATING LOCAL OSCILLATOR SIGNALS FOR DOWNCONVERSION

Enclosed are:

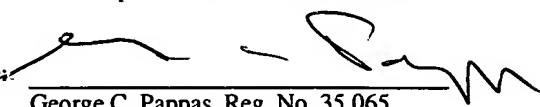
1. ☒ Patent application (18) total pages.
2. ☒ Drawings: ☒ Formal (7) sheet(s) or ☐ Informal () sheet(s)
3. ☒ Declaration/Power of Attorney: ☒ Signed ☐ Unsigned
4. ☒ An Assignment (1) pages and Recordation Form Cover Sheet.
5. ☐ A Preliminary Amendment () pages.
6. ☐ Information Disclosure Statement (IDS):
 - a. ☐ PTO-1449
 - b. ☐ Copies of IDS Citations (number of citations:)
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CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	32 - 20	12	x \$18 =	\$216
Independent**	7 - 3	4	x \$84 =	\$336
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$
APPLICATION FILING FEE			\$740	\$740
			TOTAL FEE	\$1292

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Date: December 21, 2001Signature: 
 George C. Pappas, Reg. No. 35,065
 (858) 651-1306

 QUALCOMM Incorporated
 Attn: Patent Department
 5775 Morehouse Drive
 San Diego, California 92121-1714
 Telephone: (858) 651-1179
 Facsimile: (858) 658-2502

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
CHARLES J. PERSICO

For: GENERATING LOCAL
OSCILLATOR SIGNALS FOR
DOWNCONVERSION

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HEREWITH

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

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Darla D. Lallo

(Name)

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